



Attorney's Docket No. 33047/236961

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TC 1700  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Jari-Matti Karjanmaa  
Appl. No.: 09/916,410  
Filed: July 27, 2001  
For: METHOD FOR MONITORING  
QUALITY OF PAPER WEB

Confirmation No.: 8863  
Group Art Unit: 1731  
Examiner: M. Alvo

February 24, 2003

Box RCE  
Commissioner for Patents  
Washington, DC 20231

**AMENDMENT**

Sir:

Please amend the above-identified application as follows:

**In the Claims:**

Please cancel Claims 10-13, and amend Claim 1 as follows:

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1. A method for monitoring and controlling quality of a paper web as the paper web is being manufactured, comprising:

conveying the paper web through a paper machine where the paper web is formed as part of a manufacturing process and treating the paper web by subjecting the paper web to a treatment process;

imaging the paper web with a thermal camera on a continual basis;  
analyzing images from the thermal camera in real time as the images are captured by the thermal camera on a continual basis in order to detect defects in the paper web based on the images; and

adjusting at least one of the manufacturing process and the treatment process for the paper web based on the detected defects determined from the images in real time.

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